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DEPARTMENT OF BUILDING INSPECTION

CODE ADVISORY COMMITTEE

FIRE AND LIFE SAFETY SUBCOMMITTEE

AGENDAS

1994 – 2001

Prior to 1995, the Code Advisory Committee and its Subcommittees were under the Bureau of Building Inspection, which was a division of the Department of Public Works. However, in the 1994 General Election, the voters approved the establishment of a Department of Building Inspection. The Code Advisory Committee and its Subcommittees were thereafter under that Department.

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FEB 10 1994

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AGENDA

BUREAU OF BUILDING INSPECTION
CODE ADVISORY COMMITTEEFIRE & LIFE SAFETY SUBCOMMITTEE
(formerly: window protection subcommittee)

Date: Wednesday, 16 February 1994

Time: 9:00 AM

Location: AIA Office, 130 Sutter Street, 6th Floor

1.0 Call to Order

2.0 Roll Call

3.0 Approval of Minutes of Previous Meeting: Previous meeting was 1/19/93

4.0 Old Business

4.1 Review rewrite of code sections 504(d), 3306(k), 3401, 3801(d)2, and 4306(n).

4.2 Finalize and discuss San Francisco code rulings.

5.0 New Business

5.1 Discuss coordination with S.F.D.P.W. Sprinkler Committee regarding upcoming residential sprinkler requirements.

5.2 Review code section 1710, parapets.

6.0 Public Comment

7.0 Next Meeting

8.0 Adjournment

JUN 15 1994

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AGENDA

BUREAU OF BUILDING INSPECTION CODE ADVISORY COMMITTEE

FIRE & LIFE SAFETY SUBCOMMITTEE

Date: Wednesday, 15 June, 1994

Time: 8:30 AM

Location: 1660 Mission Street, S.F., CA, Room #2001

- 1.0 Call to Order
- 2.0 Roll Call
- 3.0 Approval of Minutes of Previous Meeting: Previous meeting was 5/18/94
- 4.0 Old Business
 - 4.1 Review rewrite of code sections 504(d), 3306(k), 3401, 3801(d)2, and 4306(n).
 - 4.2 Finalize and discuss San Francisco code rulings.
 - 4.3 Discuss coordination with S.F.D.P.W. Sprinkler Committee regarding upcoming residential sprinkler requirements.
 - 4.4 Finalize discussion of new code change to section 1701(a), regarding parapets, and the addition to the reference to Fire Shutter definition in NFPA 1980 in section 4306(a).
 - 4.5 Review non-permitted security gate installations that swing over sidewalk, and violate Code.
- 5.0 New Business
 - 5.1 Select the code changes that this subcommittee shall work on for the upcoming 1/95 deadline.
- 6.0 Public Comment
- 7.0 Next Meeting
- 8.0 Adjournment

MINUTES
BUREAU OF BUILDING INSPECTION
CODE ADVISORY COMMITTEE
FIRE & LIFE SAFETY SUBCOMMITTEE
5/18/94 Meeting

1.0 Call to Order:

- 2.0 Roll Call:** Members: David Sternberg, Bob Voelz, Bruce Bonacher and William Garrett were present.
Guests: Alan Tokugawa, S.F.B.B.I.

3.0 Approval of Minutes of Previous Meeting:

- 4.0 Old Business:** Discussed missing language from original UBC in the S.F. issue of the latest building code with A. Tokugawa.

We also discussed that a volunteer from our main codes committee should coordinate with ICBO on a regular basis. We are now dependent on SFBBI Superintendent to perform this coordination.

S.F. Code ruling postponed until next meeting due to time.

Discussed the Marks bill again, regarding the City attorney position. If City attorney decides that S.F. cannot render more lenient code rulings, then legislative changes to the state law shall have to be pursued, to allow many of these more lenient code changes.

Section 1710 and 1701(a), parapets were discussed. See proposed changes to the building code.

- 5.0 New Business:** Regarding code section 504(d), Fire Shutters were defined by NFPA 1980, as submitted by Robert Fuller via fax. Fire Shutters shall be referenced into section 4306(a). See proposed changes to the building code.

6.0 Public Comment: None

7.0 Adjournment:

**FIRE & LIFE SAFETY SUBCOMMITTEE
PROPOSED BUILDING CODE CHANGES**

6/15/94

Regarding Section 1710: Parapets: Add Exception to last paragraph of section 1701(a): New one hour rated walls may be allowed to be supported by existing non rated wall construction consisting of interior plaster or drywall of minimum of 5/8" thickness in good condition, 2x4 studs and exterior wood siding or plywood of minimum of 3/4" thickness.

Regarding Fire Shutters: Add Fire Shutters to definitions in section 4306(a), and reference NFPA 1980 for the definition.

AUG 12 1994

SAN FRANCISCO
PUBLIC LIBRARY**AGENDA****BUREAU OF BUILDING INSPECTION
CODE ADVISORY COMMITTEE****FIRE & LIFE SAFETY SUBCOMMITTEE****Date:** Wednesday, 17 August, 1994**Time:** 8:30 AM**Location:** 1660 Mission Street, S.F., CA, Room #2001**1.0 Call to Order****2.0 Roll Call****3.0 Approval of Minutes of Previous Meeting:** Previous meeting was 7/20/94**4.0 Old Business**

- 4.1 Finalize and discuss list of items to be introduced for passage at August main Committee meeting.
- 4.2 Review rewrite of code sections 504(d), 3306(k), 3401, 3801(d)2, and 4306(n).
- 4.3 Finalize and discuss San Francisco code rulings. Prioritize any for presentation to main committee meeting.
- 4.4 Discuss coordination with S.F.D.P.W. Sprinkler Committee.
- 4.5 Review non-permitted security gate installations that swing over sidewalk, and violate Code.
- 4.6 Discuss Robert Fuller introduced contradiction between Hosing Code section 906 and Building Code adoption of NFPA 13 for sprinkler head placement in trash chutes.

5.0 New Business

- 5.1 Discuss one hour fire dampers.

6.0 Public Comment**7.0 Next Meeting****8.0 Adjournment**

**BUREAU OF BUILDING INSPECTION
CODE ADVISORY COMMITTEE**

DOCUMENTS DEPT.

AUG 12 1994

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ACCESSIBLE MEETING INFORMATION

To allow individuals with environmental sensitivity to attend the meeting, attendees are requested to refrain from wearing perfume or other scented products.

The meeting will be held at 1660 Mission Street, Room 2001. The nearest BART station is the 16th Street Mission Street Station. I think it also stops at Van Ness and Mission.

Accessible MUNI/Metro lines servicing this location are the J, K, L, M and N which stop at Van Ness Avenue and Market Street, and the 14 Mission, 12 Ocean bus lines. For information about MUNI accessible services call (415) 923-6142.

Accessible parking is available in the 1660 Mission Street S.F. Permit Center parking lot located at the Otis Street Entrance.

Accessible seating for persons with disabilities (including those using wheelchairs) will be available. 

A sound enhancement system will be available upon request. Please contact **Kwietha Bolden at (415) 558-6007** at least 72 hours in advance of the meeting.

A sign language interpreter will be available upon request. Please contact: **Kwietha Bolden at (415) 558-6007** at least 72 hours in advance of the meeting.

Minutes of the meeting are available in large print/tape form and/or readers upon request. If you require use of a reader, please contact **Kwietha Bolden at (415) 558-6007** at least 72 hours in advance of the meeting to request this service.

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AGENDA

BUREAU OF BUILDING INSPECTION
CODE ADVISORY COMMITTEE MEETING

DOCUMENTS DEPT.

SEP 16 1994

SAN FRANCISCO
PUBLIC LIBRARYFIRE & LIFE SAFETY SUBCOMMITTEE
(Formerly: Window Protection Subcommittee)

Date: Wednesday, September 21, 1994

Time: 8:30 a.m.

Location: 1660 Mission Street, San Francisco

- 1.0 Call to Order
- 2.0 Roll Call
- 3.0 Approval of Minutes of Previous Meeting
 - 3.1 Previous meeting was 8/17/94
- 4.0 Old Business
 - 4.1 Review rewrite of code sections 504(d), 3306(k), 3401, 3801(d)2, and 4306(n).
 - 4.2 Finalize and discuss San Francisco code rulings.
 - 4.3 Discuss coordination with S.F.D.P.W. Sprinkler Committee regarding upcoming residential sprinkler requirements.
 - 4.4 Finalize subcommittee action regarding security gates installations that swing over sidewalks and violate code.
 - 4.5 One hour fire dampers.
- 5.0 New Business
 - 5.1 Review non-permitted security gate installations that swing over sidewalk, and violate Code.
- 6.0 Public Comment
- 7.0 Next Meeting
- 7.0 Adjournment

Note to attendees: Please review the appropriate material and be prepared to discuss technical changes at the meeting.

**FIRE & LIFE SAFETY SUBCOMMITTEE
PROPOSED BUILDING CODE CHANGE**

17 August 1994

Regarding Section 3306(k): *Revise as follows (underlined text is new):* (k) Exterior Stairway and Fire Escape Protection. ~~Except in Group R, Division 3, all~~ All openings in the exterior wall below and within 10 feet, measured horizontally, of an exterior exit, fire escape or stairway serving a building over two stories in height or a floor level having such openings in two or more floors below shall be protected by self-closing fire assembly having a three fourths-hour-fire-protection rating. Exterior stairways enclosed on three or more sides shall comply with the flame spread requirements for interior stairways.

- EXCEPTIONS: 1. Openings may be unprotected when two separated exterior stairways service an exterior balcony.
2. Protection of openings is not required for open parking garages conforming to section 709.
3. Protection of openings is not required for buildings containing group B, Division 2 and Group R, Division 1 Occupancies when such buildings are not more than four stories in height and are protected throughout with an automatic sprinkler system.
4. Group R, Division 3

Background and Explanation: *San Francisco's typical 25' lot widths, combined with 10' minimum length requirements for fire escapes, presents a logistical problem causing all ventilation and fire escape egress windows to be 3/4 hour rated. Non-rated operable windows, facing fire escapes, have traditionally been the standard of the industry in San Francisco. Fire Escape use has many limits by section 3306(s), including but not limited to maximum of 4 stories in height, building frontage not exceeding 37.5' and maximum occupant load of 50. The Building Code has recently been revised to require many buildings to be fully sprinklered. This more restrictive standard for buildings should allow other standards to be relaxed, such as opening protection at Fire*

Self-closing 3/4 hour rated operable windows are almost impossible to find and require steel sash, Laminated or tempered glass, fusible link operators and must be glazed in the field. The cost of providing this type of window is prohibitively expensive, and makes a small project economically unfeasible at best.

OCT 17 1994

SAN FRANCISCO
PUBLIC LIBRARY**AGENDA****BUREAU OF BUILDING INSPECTION
CODE ADVISORY COMMITTEE****FIRE & LIFE SAFETY SUBCOMMITTEE**

Date: Wednesday, 19 October, 1994
Time: 8:30 A.M.
LOCATION: 1660 Mission Street, S.F., CA, Room #2001

- 1.0 Call to Order**
- 2.0 Roll Call**
- 3.0 Approval of Minutes of Previous Meetings:** Previous meeting was 21 September, 1994. Minutes of 17 August and 21 September are to be reviewed for approval.
- 4.0 Old Business**
 - 4.1** Review the rewrite of code sections 504(d), 3401, 3801(d)2 and 4306(n).
 - 4.2** Continue discussion of code rulings for recommendations of resolution on them to the full Committee.
 - 4.3** Coordination with SFDPW Sprinkler Committee.
 - 4.4** One hour fire dampers.
- 5.0 New Business:** As raised from the floor.
- 6.0 Public Comment**
- 7.0 Next Meeting Date:** 16 November, 1994?
- 8.0 Adjournment:**

MINUTES

BUREAU OF BUILDING INSPECTION CODE ADVISORY COMMITTEE FIRE & LIFE SAFETY SUBCOMMITTEE

21 September, 1994

- 1.0 Call to Order: At 8:37 AM.
- 2.0 Roll Call: Members Present: Acting Chair, Bruce Bonacker and Jeffrey Maddox.
Members Absent: Chair, David Sternberg, Ward Comeaux, William Garrett and Robert Voelz.
Guest Present: Robert Fuller; S.F.F.D.
- 3.0 Approval of Minutes of Previous Meeting: The minutes of the August 17, 1994 meeting were not acted upon. Action is delayed to the October meeting.
- 4.0 Old Business
 - 4.1 The Committee tabled review of Code sections 504(d), 3401, 3801(d)2 and 4306(n) until Chairman David Sternberg could attend and lead the discussion. These items are on the Committee's agenda at Mr. Sternberg's request.
 - 4.2 Regarding code rulings, the Subcommittee discussed additional code rulings assigned to the Subcommittee and took action on the following code rulings: BC-103-1, BC-3304(g)-1, BC-3304(g)-3 and BC-3801(d)-1. See the accompanying summary chart of code rulings for Subcommittee action and recommendations.
 - 4.3 Regarding coordination with the SFDPW Sprinkler Committee. Mr. Fuller reported that the Sprinkler Committee has not been meeting of late. Mr. Fuller will inform us when the Sprinkler Committee recommences meeting.
 - 4.4 Regarding non-permitted security gate installations swinging over sidewalks, hence violating codes. The subject was discussed and a recommendation is to be prepared for the full Committee stating that the existing code adequately covers the issue of security gates and their encroachment on the sidewalks and no change should be made to the existing Building Code language.

4.5 Regarding one hour fire dampers, the Subcommittee is prepared to work with the Mechanical Subcommittee on this issue. To date, no substantive recommendation has been considered.

5.0 New Business: None.

6.0 Public Comment: None.

7.0 Next Meeting: 19 October, 1994

8.0 Adjournment: The meeting was adjourned at 9:40 A.M.

FIRE & LIFE SAFETY SUBCOMMITTEE CODE RULING ANALYSIS

CODE RULING #	SUBJECT	ASSIGNED TO:	DATE PRESENTED TO SUBCOMM	SUBCOMM RECOM'D DATE	SUBCOMM RECOM'D DATE	BCAC RECOM'D DATE	BCAC RECOM'D DATE
BC-?	Fire Proofing Structural Members	Comeaux	8/17/94	Pending			
BC-103-1	High Rise Sprinklers	Maddox	9/21/94	Retain, Reword & Update			
BC-306(8) 21 A-D-1	Crane Safety	Garrett	8/17/94	Update & Reissue	8/17/94		
BC-402-1	Definition of Atrium	Maddox	8/17/94	Repeal	8/17/94		
BC-502-1	Live/Work Quarters	Comeaux					
BC-503(d)-1	Occupancy Separation Between A-3 and R-1	Comeaux					
BC-504(d)-1	Property Line Wall Openings	Bonacker					
BC-507(b)-1	Sprinklers/ Reduced Story Count	Garrett	8/17/94	Abandon (Superseded)	8/17/94		

CODE RULING #	SUBJECT	ASSIGNED TO:	DATE PRESENTED TO SUBCOMM	SUBCOMM RECOM'D'N	SUBCOMM RECOM'D'N DATE	BCAC RECOM'D'N DATE
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BC-507(b)-2	Sprinklers/ Reduced Story Count	Garrett	8/17/94			
BC-507(c)-1	Measurement of Height	Sternberg	7/94	Pending		
BC-1205(c)-1	Guest Room Sinks	Garrett	8/17/94	Update & Reissue	8/17/94	
BC-1210(a)-1	Smoke Detection/ Alarms	Judd				
BC-1720-1	Under Floor Fire/Computer Rooms	Judd				
BC-3303(c)-1	Existing B-2 Non-Complying Exit Separation	Comeaux				
BC-3304(g)-1	Exit Corridors in High Rises	Maddox	9/21/94	Repeal		
BC-3304(g)-2	Two Hour Wall Opening Protection in B- 2 Life Safety Buildings	Sternberg				
BC-3304(g)-3	Construction for Corridors	Maddox	9/21/94	Repeal		

CODE RULING #	SUBJECT	ASSIGNED TO:	DATE PRESENTED TO SUBCOMM	SUBCOMM RECOMM'D DATE	SUBCOMM RECOMM'D DATE	BCAC RECOMM'D DATE
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BC-3304(G)-3	Fire Escape/ Travel Distance	Bonacker				
BC-3801(a)-1	Sprinkler Protection of Storage Occupancies	Comeaux	8/17/94	Pending		
BC-3801(d)-1	Combination Fire Service	Maddox	9/21/94	Retain & Update		
BC-3802(b)-1	Sprinklers/ Garbage Chute	Maddox	8.17/94	Repeal	8/17/94	
BC-3802(e)-1	Sprinkler Design/ Dwellings & Guest Rooms	Garrett	8/17/94	Repeal	8/17/94	
BC-3805-1	Standpipe Hose Valve Location	Garrett	8/17/94	Update & Reissue	8/17/94	
BC-3805(a)-2	Water for Standpipes	Garrett	8/17/94	Retain	8/17/94	
BC-4302(a)-2	One Hour Pipe Columns	Sternberg	7/94	Pending		
BC-4303(b) 4705(c), etc.	One Hour Assemblies	Judd				

CODE RULING #	SUBJECT	ASSIGNED TO:	DATE PRESENTED TO SUBCOMM	SUBCOMM RECOMD'N DATE	BCAC RECOMD'N DATE
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BC-4305(b)-1	Slab Penetrations Existing Buildings	Judd			
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